Since 1975

*Ansel Turmeda 8,*
*08034 Barcelona, Spain*
*tlf;34-932760156-34-933505551·*
*http://www.fundacion-dr-jordi-mas.org*
*fundacionjordimas@intercom.es*

# Research Report - 02

## *Aggressive emotions - Emotions of frustration*

(Edit Memories: Forty - showing the development of research Foundation-)

*We Foundation J. Mas we showed a very small section of the studies in our department neurocognitive research.*

*We trust that this brief sample this is of some use to people interested in cognitive development.*

*In this brief presentation of fieldwork, we describe a study of children with functional difficulties.*

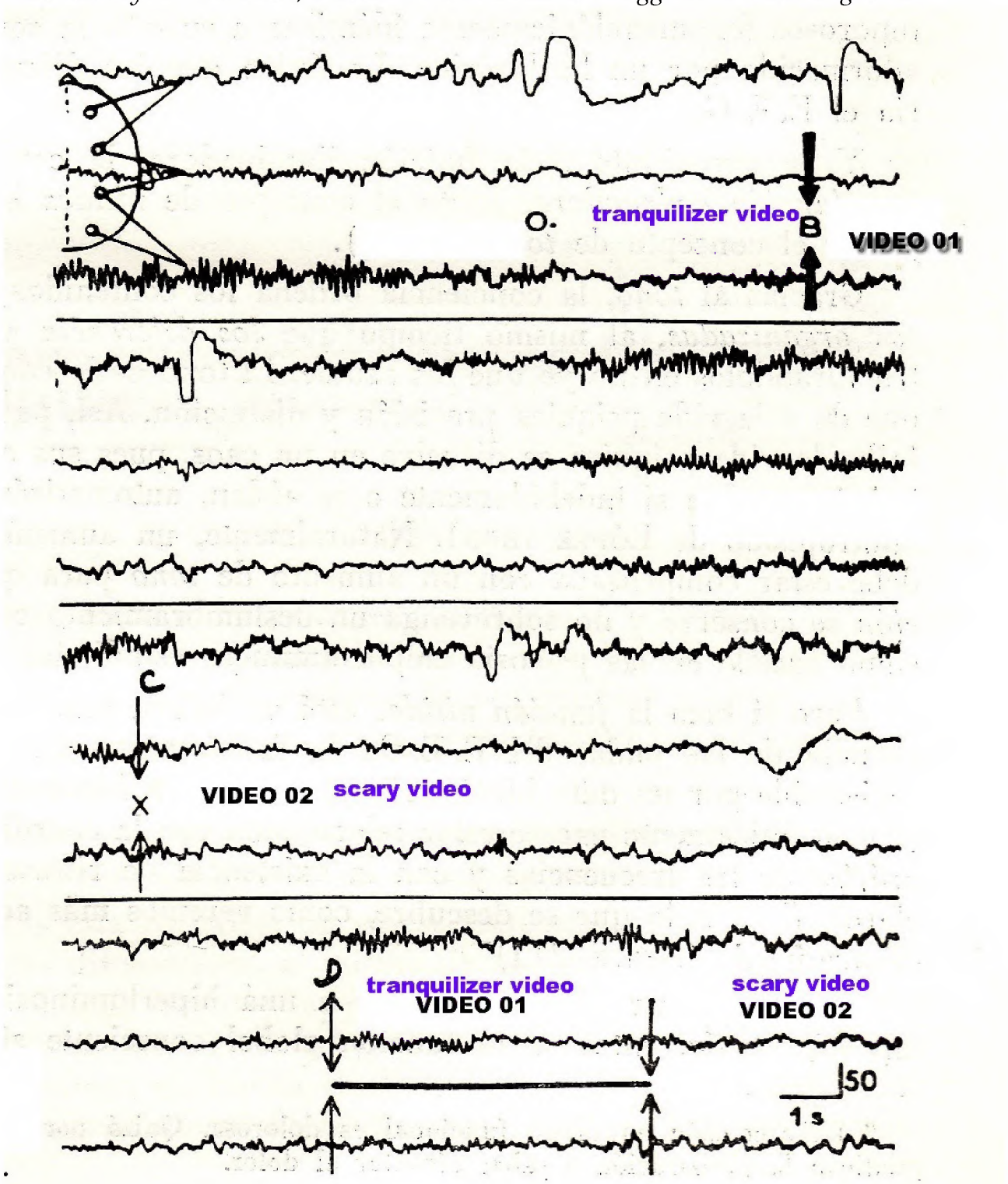
*We are conducting research in the department, an extensive work-related cognition and affective or emotional field.*

*Brief description of field research:*

*Aggressive emotions.*

*The aggressive emotions have some relation to the rolandic rhythm, probably by its direct expression in the motor reactions. We note that the alpha rhythm is partially blocked, is blocked completely and suddenly appear rolandic rhythms.*

*Rolandic rhythm is blocked, because it induces resonance aggressive motor engrams.*




**aggressive emotions**

*In E.E.G. of aggressive emotions we note the following: in the experiment are shown videos with images of two types, the first of threatening scenes, the second scene reassuring. When observation is reassuring scenes rolandic rhythm is dominant, whereas in the frightening scenes, the pace Roland stopped and was replaced by the alpha rhythm, when the scene is again reassuring rolandic rhythm returns to be the dominant .*

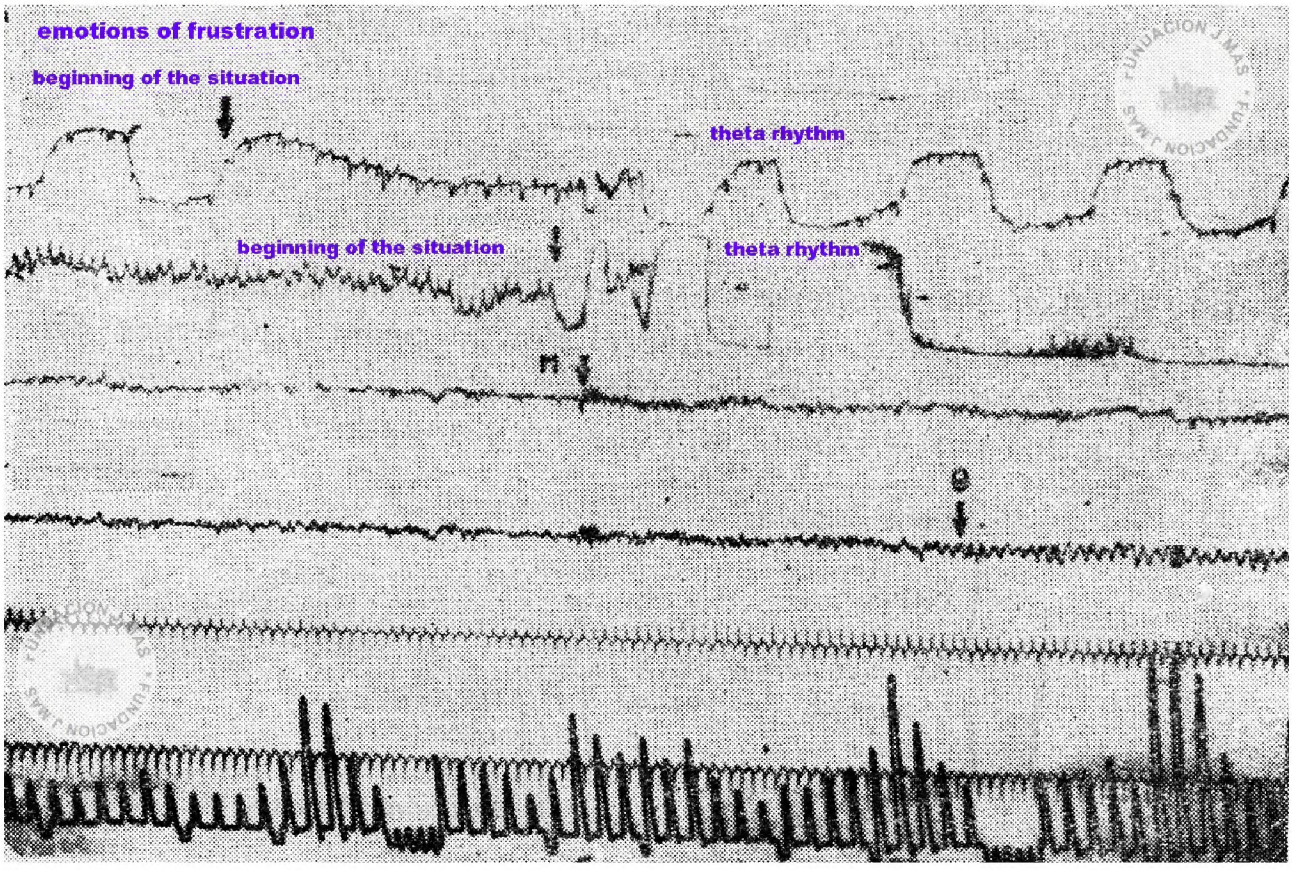
***

*Emotions of frustration*

*The emotions of frustration related to the theta rhythm. In the study with children, we see that when they show fear of an event and they are afraid of failure, an explosion immediately arise with abundant theta waves with a high peak.*

*However, these theta rhythms are not direct and immediate consequence of frustration, theta rhythms appear well after the beginning of this frustration.*

*We can guess the hypothesis of field, some affective movements, or emotions seem to have certain manifestations "preferred" in the EEG, especially the emotions of frustration and feelings of aggression.*




*In E.C.G. the emotions of frustration marks the moment of frustration, which is then observed when the EEG theta rhythm trace*

*We are evaluating the findings in two large sections :*
*a) EEG abnormalities in personality.*
*b) EEG in the functional psychoses.*

Bibliography :

Bekkering, J. D.; "Correlations entre l'analyse des frécuences et quelqes phenomenes psychologiques"

Grey Walter, G W.; "Conditionement et Reactivite en Electroencéphalografie "

Grey Walter, G.W.; Actas I Reunión estudios O.M.S. Desarrollo psicobiológico.

Ichinose, W.; Fol. Psyquiatr. Neur. Japan.

Kennard, M. A. ; Rabinovitch, M.S. and Fister, W.P. : Clinic Neurophys.,

Macre, D. ; Neurology

Scheneider, J.; " Activites rapides de type particulier et troubles du comportement"

Tertian, H.,; "Le rytme rolandique"

Walter, G.W.: "The living brain"